

# Notice of Allowability

Application No.

09/535,069

Examiner

Taghi T. Arani, Ph.D.

Applicant(s)

FOSTER ET AL.

Art Unit

2131

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to 7/27/2004.
2. ☒ The allowed claim(s) is/are 1-27.
3. ☐ The drawings filed on \_\_\_\_\_ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
  - \* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

*E. L. Moise*  
EMMANUEL L. MOISE  
PRIMARY EXAMINER  
R/U 2/36

### **DETAILED ACTION**

Claims 1-27 were pending for Examination.

Claims 1-27 are allowed over prior arts of record.

#### ***Examiner's Statement of Reasons for Allowance***

The following is an examiner's statement of reasons for the indication of allowable claimed subject matter.

Referring to claim 1 (the broader independent claim), prior art of record directed to Candelore et al. teach a method/apparatus for receiving an encrypted data file comprising:

defining a write order of data blocks of said data file to non-sequential storage locations of a mass memory (column 32, lines 56-57J, storing said data blocks in said mass memory in accordance with said write order and updating a table corresponding to said non-sequential storage locations (column 33, lines 4-4).

Candelore et al. do not teach a method/apparatus comprising:

encrypting the table with a key, forming an encrypted table, and storing said encrypted table to said mass memory.

Prior art of record directed to Sandstrom et al. disclose a method/apparatus comprising: encrypting an identification entry (time, ID code and pointer) of an image file with a key unique to the decoder (figure 2 and column 5, lines 12-16, 45-50, column 6, lines 22-23], and

Art Unit: 2131

storing said encrypted entry to said mass memory (column 3, lines 1-21].

Sandstrom et al. do not teach a table having a plurality of entries corresponding to a plurality of said non-sequential storage locations, said table being located independently of said data tile.

the "storage location table" of the instant application as defined by the Applicant (page 9 of the Amendment with RCE) pertains to the physical storage location wherein the table itself is a separate entity and has a plurality of entries each of which would be remapped when the table itself is scrambled using a key.

None of the prior art of record, either taken by itself or in any combination, would have anticipated or made obvious the invention of the present application at or before the time it was filed. The subject matter regarded as allowable by the examiner is found in claims 1, 14 and 25, wherein a "table having a plurality of entries corresponding to a plurality of said non-sequential storage locations, said table being located independently of said data file.

Dependent claims 2-13, 15-24, 26 and 27 are also allowed by virtue of their dependencies.

Pertinent prior art:

US 5, 673, 373 is directed to an image forming system with security includes a receiving section to receive print data with data showing secrecy attached from external equipment, a page memory to store image data rasterized from the print data received by the receiving section, transmit section to transmit termination data showing the termination of the rasterizing operation and an input section to input data specifying the image data. The image forming system further includes an image forming section to form image on paper based on the image data stored in the

Art Unit: 2131

page memory when specific data is input by the input section after the transmit section transmits the termination data.

### Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Taghi T. Arani whose telephone number is (703)305-4274. The examiner can normally be reached on 8:00-5:30 Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on (703) 305-9648. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Taghi T. Arani, Ph.D.  
Examiner  
Art Unit 2131

\*\*\*

*E. Moise*  
EMMANUEL L. MOISE  
PRIMARY EXAMINER  
*04/11/2136*